Subject: Process series of image files?

Posted by beardown911 on Thu, 29 Mar 2007 15:33:49 GMT

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Hello Gurus,

I've been trying to figure out how to process series of image files
for a while, I've read a couple of IDL programming books and searched
web to fine an example and comments, but no luck.

I wrote a code to process an image file(tif format) using read_tiff
(or dialog_pickfile()) and write_tiff, and it was working fine. The
thing is that I have hundreds of files to process. The tiff images
have three bands (green, red, and nir band) aerial photos. Naming rule
of the images is like this; image 1.tif. The "image" is user defined
prefix, and number 1 is the order of acquired images, so just
numerically increases like 1, 2, 3, ..., n.
tif is image format.
Processing procedure is a bit simple; image dn -> correction
coefficients apply -> image radiance.

Could you give me some advice what part of programming I have look at?
or what idl programming book is good to read to solve my problem?

I have another question. I learned that dialog_pickfile() is useful to
pick an input file, instead of modifying and save code. Is there a way
to define output file name in thay way? I mean specifying user defined
output file name, instead of modifying write_tiff every time.

Regards,
Phil